

0074389

SAF-RC-040
300 Area D&D Waste Characterization
Sampling - Other Solid
FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich

L1-01

KW 11/7/07
INITIAL/DATE

COMMENTS:

SDG 07-A-6231

SAF-RC-040

Rad only

X Chem only

Rad & Chem

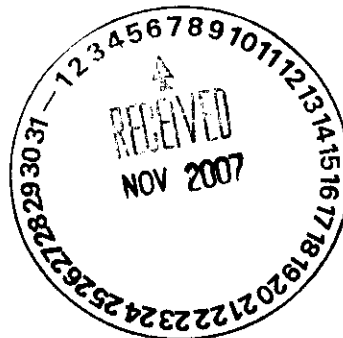
X Complete

Partial

Sample Location/Waste Site: 309 Bldg



11/6/07
Page 1 of 7




SUBMITTED TO:


Joan Kessner
Washington Closure Hanford
2620 Fermi Avenue, MSIN H4-21
Richland, WA 99354

REFERENCE DATA:

Client Sample No.:	J15VV0 through J15VT9
P.O. No.:	Not Available
Sample Location:	309
Sample Type:	Bulk
Method Reference:	EPA-600/R-93/116
DCL Set ID No.:	07-A-6231
DCL Sample ID No.:	07-36143 through 07-36172
Sample Receipt Date:	11/1/07
Analysis Date:	11/5/07 through 11/6/07

We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.


Shawn Smythe
Analyst


Anna Marie Ristich
Reviewer

*Floor tiles, decorative paints, joint compounds, and cement materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government..

CINCINNATI OFFICE
4388 GLENDALE-MILFORD ROAD
CINCINNATI, OHIO 45242-3708
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NOVATO, CALIFORNIA 94945
800 280-8071, FAX 415 893-9469

11/6/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report**


Client: Washington Closure Hanford
Location: 309
Set ID: 07-A-6231

Client Sample ID:	J15VV0	J15VP1	J15VP2	J15VP3	J15VP4
DCL Sample ID:	07-36143	07-36144	07-36145	07-36146	07-36147
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Pwdry/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>20 ≤ 30	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Amosite:		>1 ≤ 3	>1 ≤ 3	>1 ≤ 3	>1 ≤ 3
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>20 ≤ 30	>6 ≤ 13	>6 ≤ 13	>6 ≤ 13	>6 ≤ 13
Other Materials					
% Cellulose:					
% Fiberglass:		>20 ≤ 30	>20 ≤ 30	>20 ≤ 30	>20 ≤ 30
% Other Fibers:	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>50 ≤ 60	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


Shawn Smythe
Microscopist

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request. Wherever possible, separate phases are analyzed and reported individually.

11/6/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report**


Client: Washington Closure Hanford
Location: 309
Set ID: 07-A-6231

Client Sample ID:	J15VP5	J15VP6	J15VP7	J15VP8	J15VP9
DCL Sample ID:	07-36148	07-36149	07-36150	07-36151	07-36152
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Layered	Homog.
	Inseparable	Inseparable		Inseparable	
Color:	Yellow/Black	Yellow/Black	Grey	Yellow/Grey	Grey
Texture:	Fbrs/Resns	Fbrs/Resns	Crmby/Fbrs	Fibrous	Crmby/Fbrs
Description:	Insulation	Insulation	Material	Insulation	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:			>5 ≤ 10	>5 ≤ 10	
% Amosite:			>1 ≤ 3	>1 ≤ 3	
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	>6 ≤ 13	>6 ≤ 13	ND
Other Materials					
% Cellulose:					
% Fiberglass:	>90 ≤ 100	>80 ≤ 90	>20 ≤ 30	>60 ≤ 70	>20 ≤ 30
% Other Fibers:		>3 ≤ 5	>5 ≤ 10	>5 ≤ 10	
% Resin/Binder:	>3 ≤ 5	>1 ≤ 3			
% Non Fibrous:	>1 ≤ 3	>1 ≤ 3	>40 ≤ 50	>5 ≤ 10	>60 ≤ 70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


Shawn Smythe
Microscopist

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11/6/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report**

Client: Washington Closure Hanford

Location: 309


Set ID: 07-A-6231

Client Sample ID:	J15VR0	J15VR1	J15VR2	J15VR3	J15VR4
DCL Sample ID:	07-36153	07-36154	07-36155	07-36156	07-36157
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Homog.	Homog.
	Inseparable	Inseparable			
Color:	Yellow/Grey	Yellow/Grey	Grey	Grey	Grey
Texture:	Fbrs/Crmby	Fbrs/Crmby	Crmby/Fbrs	Pwdry/Fbrs	Crmby/Fbrs
Description:	Insulation	Insulation	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:			>5 ≤ 10	>20 ≤ 30	>5 ≤ 10
% Amosite:			>1 ≤ 3	>5 ≤ 10	>1 ≤ 3
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	>6 ≤ 13	>25 ≤ 40	>6 ≤ 13
Other Materials					
% Cellulose:					
% Fiberglass:	>70 ≤ 80	>70 ≤ 80	>20 ≤ 30		>20 ≤ 30
% Other Fibers:	>3 ≤ 5		>5 ≤ 10	>10 ≤ 20	>5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>10 ≤ 20	>10 ≤ 20	>40 ≤ 50	>30 ≤ 40	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


 Shawn Smythe
 Microscopist

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11/6/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report**

Client: Washington Closure Hanford

Location: 309


Set ID: 07-A-6231

Client Sample ID:	J15VR5	J15VR6	J15VR7	J15VR8	J15VR9
DCL Sample ID:	07-36158	07-36159	07-36160	07-36161	07-36162
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Layered Inseparable	Homog.	Homog.	Homog.
Color:	Grey	Yellow/Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Fibrous	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Insulation	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>5 ≤ 10		>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Amosite:	>1 ≤ 3		>1 ≤ 3	>1 ≤ 3	>1 ≤ 3
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6 ≤ 13	ND	>6 ≤ 13	>6 ≤ 13	>6 ≤ 13
Other Materials					
% Cellulose:					
% Fiberglass:	>20 ≤ 30	>80 ≤ 90	>20 ≤ 30	>20 ≤ 30	>20 ≤ 30
% Other Fibers:	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>40 ≤ 50	>1 ≤ 3	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


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Microscopist

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11/6/07

**DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report**

Client: Washington Closure Hanford

Location: 309


Set ID: 07-A-6231

Client Sample ID:	J15VT0	J15VT1	J15VT2	J15VT3	J15VT4
DCL Sample ID:	07-36163	07-36164	07-36165	07-36166	07-36167
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Layered	Layered	Layered	Homog.
		Inseparable	Inseparable	Inseparable	
Color:	Grey	Yellow/Grey	Yellow/Black	Yellow/Grey	Grey
Texture:	Crmby/Fbrs	Fibrous	Fbrs/Resns	Fibrous	Crmby/Fbrs
Description:	Material	Insulation	Insulation	Insulation	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>5 ≤ 10			>1 ≤ 3	
% Amosite:	>1 ≤ 3			Trace	
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6 ≤ 13	ND	ND	>1 ≤ 3	ND
Other Materials					
% Cellulose:					
% Fiberglass:	>20 ≤ 30	>80 ≤ 90	>70 ≤ 80	>80 ≤ 90	>30 ≤ 40
% Other Fibers:	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	
% Resin/Binder:			>3 ≤ 5		
% Non Fibrous:	>40 ≤ 50	>1 ≤ 3	>3 ≤ 5	>1 ≤ 3	>50 ≤ 60

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


 Shawn Smythe
 Microscopist

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11/6/07

DataChem Laboratories
Polarized Light Microscopy
Asbestos Analytical Report

Client: Washington Closure Hanford

Location: 309

Set ID: 07-A-6231

Client Sample ID:	J15VT5	J15VT6	J15VT7	J15VT8	J15VT9
DCL Sample ID:	07-36168	07-36169	07-36170	07-36171	07-36172
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Amosite:	>1 ≤ 3	>1 ≤ 3	>1 ≤ 3		
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>6 ≤ 13	>6 ≤ 13	>6 ≤ 13	>5 ≤ 10	>5 ≤ 10
Other Materials					
% Cellulose:					
% Fiberglass:	>20 ≤ 30	>20 ≤ 30	>20 ≤ 30	>20 ≤ 30	>20 ≤ 30
% Other Fibers:	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10	>5 ≤ 10
% Resin/Binder:					
% Non Fibrous:	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50	>40 ≤ 50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.


 Shawn Smythe
 Microscopist

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Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 5 of 14	
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 37100 307 on 10/23/07		SAF No. RC-040					
Ice Chest No. FED EX BOX		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A 080028		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be		Preservation		None					
Special Handling and/or Storage 07 A-6231		Type of Container		GP					
		No. of Container(s)		1					
		Volume		5g					
SAMPLE ANALYSIS		Asbestos-BULK-EPA							
Sample No.	Matrix *	Sample Date	Sample Time						
J15VP0 315VVO 36143	OTHER SOLID	10-29-07	0942	X					
J15VP1 36144	OTHER SOLID	10-29-07	0815	X					
J15VP2 36145	OTHER SOLID		0818	X					
J15VP3 36146	OTHER SOLID		0821	T					
J15VP4 36147	OTHER SOLID		0824	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS					
Relinquished By/Removed From Mike Stankovich 10/23/07		Received By/Stored In 3728/26 10/29/07 1330		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00					
Relinquished By/Removed From 3728/26 10-30-07 0900		Received By/Stored In NMS/10/30/07 0900		Sampler unavailable to relinquish samples from 3728 Ref #26. 3728 Custodian removed samples for shipping on 10/30/07.					
Relinquished By/Removed From NMS/10/30/07 1500		Received By/Stored In FED EX							
Relinquished By/Removed From FED EX		Received By/Stored In 10/31/07 1515							
Relinquished By/Removed From		Received By/Stored In							
Relinquished By/Removed From		Received By/Stored In							
Relinquished By/Removed From		Received By/Stored In							
LABORATORY SECTION		Received By		Title 10/31/07 1515					
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By 10/31/07 1515					

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 6 of 14	
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 3728-307 10/29/07		SAF No. RC-040		7 Days			
Ice Chest No. FED EX BOX		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080028		Bill of Lading/Air Bill No. See OSCP					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be		Preservation		None					
Special Handling and/or Storage		Type of Container		G/P					
		No. of Container(s)		1					
		Volume		5g					
SAMPLE ANALYSIS		Asbestos-BULK-EPA		6231					
Sample No.	Matrix *	Sample Date	Sample Time						
J15VP5 36148	OTHER SOLID	10-29-07	0827	X					
J15VP6 36149	OTHER SOLID		0830	X					
J15VP7 36150	OTHER SOLID		0833	X					
J15VP8 36151	OTHER SOLID		0836	X					
J15VP9 36152	OTHER SOLID		0839	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS					
Relinquished By/Removed From		Date/Time 1330		Received By/Stored In		Date/Time		Laboratory Analysis, Data Management, and Shipping COA - RD4MX2F00	
Mike Stankovich		10/29/07		3728/2B		10/29/07 1330		Sampler unavailable to relinquish samples from 3728 Ref # 2B	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		3728 Custodian removed samples for shipping on 10/30/07	
3728/2B		10-30-07 0900		MT Stankovich		10-30-07 0900			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
MT Stankovich		10-30-07 1500		FED EX					
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
						10/31/07 1515			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			
						10/31/07 1515			

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 1 of 14	
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 378G 309		Date 10/29/07		SAF No. RC-040			
Ice Chest No. FEDEX BOX		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A 080028		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be		Preservation		None					
Special Handling and/or Storage		Type of Container		G/P					
		No. of Container(s)		1					
		Volume		5g					
SAMPLE ANALYSIS 6231		Asbestos-BULK-EPA							
Sample No.	Matrix *	Sample Date	Sample Time						
J15VR0 36153	OTHER SOLID	10-29-07	0842	X					
J15VR1 36154	OTHER SOLID		0845	X					
J15VR2 36155	OTHER SOLID		0848	X					
J15VR3 36156	OTHER SOLID		0852	X					
J15VR4 36157	OTHER SOLID		0854	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS					
Relinquished By/Removed From M. Stankovich		Date/Time 10/29/07		Received By/Stored In 3728/210		Date/Time 10/29/07		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00	
Relinquished By/Removed From 3728/210		Date/Time 10-30-07		Received By/Stored In M. Stankovich		Date/Time 10-30-07		Sampler unavailable to relinquish samples from 3728 Ref #25.	
Relinquished By/Removed From M. Stankovich		Date/Time 10-30-07		Received By/Stored In FEDEX		Date/Time 10-30-07		3728 Custodian removed samples for shipping on 10/30/07.	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		Matrix *	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		S=Soil	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		SE=Soilment	
								SO=Solid	
								SL=Sludge	
								W=Water	
								O=Oil	
								A=Air	
								DS=Drum Solids	
								DL=Drum Liquids	
								T=Time	
								W=Wipe	
								L=Liquid	
								V=Vegetation	
								X=Other	
LABORATORY SECTION		Received By		Title					
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By					
				Date/Time 10/31/07 1515					

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 8 of 14	
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 3728 307 W 10/29/07		SAF No. RC-040					
Ice Chest No. FED EX BOX		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080028		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be		Preservation None							
Special Handling and/or Storage		Type of Container G/P							
		No. of Container(s) 1							
		Volume 5g							
		Asbestos- BULK-EPA							
SAMPLE ANALYSIS 6231 62									
Sample No.	Matrix *	Sample Date	Sample Time						
J15VR5 36158	OTHER SOLID	10-29-07	0857	X					
J15VR6 36159	OTHER SOLID		0900	X					
J15VR7 36160	OTHER SOLID		0903	X					
J15VR8 36161	OTHER SOLID		0906	X					
J15VR9 36162	OTHER SOLID		0907	X					
CHAIN OF POSSESSION		Sign/Print Names		SPECIAL INSTRUCTIONS					
Relinquished By/Removed From Mike Stankovich 10/29/07 1330		Received By/Stored In 3728/2B 10/29/07 1330		Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00					
Relinquished By/Removed From 3728/2B 10/30/07 0910		Received By/Stored In MT Stankovich 10/30/07 0900		Sampler unavailable to relinquish samples from 3728 Ref # 2B. 3728 Custodian removed samples for shipping on 10/30/07.					
Relinquished By/Removed From MT Stankovich 10/30/07 1506		Received By/Stored In FED EX							
Relinquished By/Removed From		Received By/Stored In							
Relinquished By/Removed From		Received By/Stored In							
Relinquished By/Removed From		Received By/Stored In							
LABORATORY SECTION	Received By	Title		Date/Time					
FINAL SAMPLE DISPOSITION	Disposal Method			Date/Time					

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 2 of 14	
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days	
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location 3218G 309 MA 10/23/07		SAF No. RC-040					
Ice Chest No. FED EX BOX		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express			
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. A080028		Bill of Lading/Air Bill No. See OSPC					
POSSIBLE SAMPLE HAZARDS/REMARKS Asbestos & Be				Preservation None					
Special Handling and/or Storage				Type of Container G/P					
				No. of Container(s) 1					
				Volume 5g					
SAMPLE ANALYSIS 6231				Asbestos- BULK-EPA					
Sample No.	Matrix *	Sample Date	Sample Time						
J15VT0 36163	OTHER SOLID	10-29-07	0912	X					
J15VT1 36164	OTHER SOLID		0915	X					
J15VT2 36165	OTHER SOLID		0918	X					
J15VT3 36166	OTHER SOLID		0921	X					
J15VT4 36167	OTHER SOLID		0924	X					
CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS			
Relinquished By/Removed From Mike Stankovich 10/23/07		Date/Time 10/23/07		Received By/Stored In 3728/2B 10/23/07 1330		Date/Time 10/23/07		Matrix *	
Relinquished By/Removed From 3728/2B 10-30-07 0910		Date/Time 10-30-07		Received By/Stored In Mike Stankovich 10-30-07 0910		Date/Time 10-30-07		S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue WI=Wipe L=Liquid V=Vegetation X=Other	
Relinquished By/Removed From Mike Stankovich 10-30-07 1500		Date/Time 10-30-07		Received By/Stored In FED EX		Date/Time 10-30-07		Sampler unavailable to relinquish samples from 3728 Ref # 28. 3728 Custodian removed samples for shipping on 10/30/07.	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		155 10/31/07	
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time			
LABORATORY SECTION		Received By		Title		Date/Time			
FINAL SAMPLE DISPOSITION		Disposal Method		Disposed By		Date/Time			

Washington Closure Hanford		CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST				RC-040-334		Page 10 of 14																																																																																													
Collector Mike Stankovich		Company Contact MT Stankovich		Telephone No. 531-7620		Project Coordinator KESSNER, JH		Price Code 9K Data Turnaround 7 Days																																																																																													
Project Designation 300 Area D&D Waste Characterization Sampling - Other Soli		Sampling Location <u>3728 307</u> <u>no 10/29/07</u>		SAF No. RC-040																																																																																																	
Ice Chest No. <u>FED EX BOX</u>		Field Logbook No. EL-1518-9		COA See below		Method of Shipment Federal Express																																																																																															
Shipped To DataChem Laboratories - Cincinnati		Offsite Property No. <u>A080028</u>		Bill of Lading/Air Bill No. See OSPC																																																																																																	
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		Type of Container		G/P																																																																																																	
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SAMPLE ANALYSIS <div style="font-size: 2em; text-align: center;">6231</div>		Asbestos- BULK-EPA																																																																																																			
Sample No.		Matrix *		Sample Date		Sample Time																																																																																															
J15VT5 <u>36168</u>		OTHER SOLID		<u>10-29-07</u>		<u>0927</u>		<u>X</u>																																																																																													
J15VT6 <u>36169</u>		OTHER SOLID				<u>0930</u>		<u>T</u>																																																																																													
J15VT7 <u>36170</u>		OTHER SOLID				<u>0933</u>		<u>t</u>																																																																																													
J15VT8 <u>36171</u>		OTHER SOLID				<u>0936</u>		<u>X</u>																																																																																													
J15VT9 <u>36172</u>		OTHER SOLID				<u>0939</u>		<u>t</u>																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="4">CHAIN OF POSSESSION</th> <th colspan="2">Sign/Print Names</th> <th colspan="4" rowspan="2"> SPECIAL INSTRUCTIONS Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00 Sampler unavailable to relinquish samples from 3728 Ref # <u>23</u>. 3728 Custodian removed samples for shipping on <u>10/30/07</u>. </th> <th colspan="2" rowspan="2"> Matrix * S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue W=Wipe L=Liquid V=Vegetation X=Other </th> </tr> <tr> <th colspan="2">Relinquished By/Removed From</th> <th colspan="2">Date/Time</th> <th colspan="2">Received By/Stored In</th> <th colspan="2">Date/Time</th> </tr> <tr> <td colspan="2"><u>MT Stankovich</u></td> <td colspan="2"><u>10/29/07 1330</u></td> <td colspan="2"><u>3728/2B</u></td> <td colspan="2"><u>10/29/07 1330</u></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2"><u>3728/2B</u></td> <td colspan="2"><u>10-30-07 0900</u></td> <td colspan="2"><u>MT Stankovich</u></td> <td colspan="2"><u>10-30-07 0900</u></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2"><u>MT Stankovich</u></td> <td colspan="2"><u>10-30-07 1500</u></td> <td colspan="2"><u>FED EX</u></td> <td colspan="2"><u>10/31/07 1515</u></td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Relinquished By/Removed From</td> <td colspan="2">Date/Time</td> <td colspan="2">Received By/Stored In</td> <td colspan="2">Date/Time</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Relinquished By/Removed From</td> <td colspan="2">Date/Time</td> <td colspan="2">Received By/Stored In</td> <td colspan="2">Date/Time</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="2">Relinquished By/Removed From</td> <td colspan="2">Date/Time</td> <td colspan="2">Received By/Stored In</td> <td colspan="2">Date/Time</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>										CHAIN OF POSSESSION				Sign/Print Names		SPECIAL INSTRUCTIONS Laboratory Analysis, Data Management, and Shipping COA - RD4MXX2F00 Sampler unavailable to relinquish samples from 3728 Ref # <u>23</u> . 3728 Custodian removed samples for shipping on <u>10/30/07</u> .				Matrix * S=Soil SE=Sediment SO=Solid SL=Sludge W=Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids T=Tissue W=Wipe L=Liquid V=Vegetation X=Other		Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time		<u>MT Stankovich</u>		<u>10/29/07 1330</u>		<u>3728/2B</u>		<u>10/29/07 1330</u>						<u>3728/2B</u>		<u>10-30-07 0900</u>		<u>MT Stankovich</u>		<u>10-30-07 0900</u>						<u>MT Stankovich</u>		<u>10-30-07 1500</u>		<u>FED EX</u>		<u>10/31/07 1515</u>						Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time						Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time						Relinquished By/Removed From		Date/Time		Received By/Stored In		Date/Time					
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LABORATORY SECTION Received By: <u>[Signature]</u> Title: _____		FINAL SAMPLE DISPOSITION Disposal Method: <u>[Signature]</u> Disposed By: _____ Date/Time: <u>10/31/07 1518</u>																																																																																																			